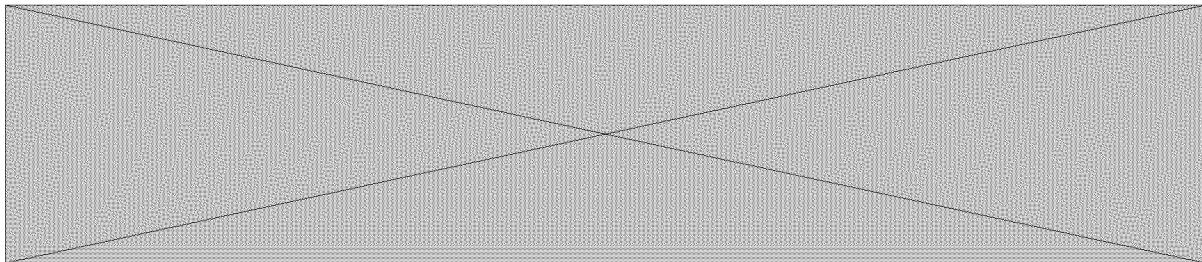


To: Mahmud, Shahid[Mahmud.Shahid@epa.gov]
From: Energy and Mines
Sent: Thur 9/17/2015 10:11:40 PM
Subject: Energy choices for remote mines

The need for reliable, secure and affordable power supplies for remote mine sites is increasingly...



This week's stories

1. Energy choices for remote mines – interview
2. Technology choices for a remote gold mine – video and presentation
3. Energy and Mines Toronto summit – early bird discount ends Friday
4. Recent agenda additions: Caterpillar, New Gold, Glencore

Energy choices and challenges for remote mining operations

The need for reliable, secure and affordable power supplies for remote mine sites is increasingly driving mining energy decision-makers to explore the use of renewables. In an interview published this week, Roxgold CEO John Dorwood outlines why his company is examining a solar hybrid solution.

To read the interview [click here](#).

John is the keynote speaker at the [Energy and Mines Toronto Summit](#) on October 22.

For full summit details [click here](#).
To download the brochure [click here](#).

Technology choices for a remote gold mine – video and presentation

Faced with a potential energy cost of 40% of operational expense, Shanta Gold has explored the use of renewable energy to power their remote Tanzanian operations.

In a video presented at the Renewables and Mining Summit in Johannesburg in July 2015, Ian Fielding a consulting engineer with Shanta Gold and Manuel Duggal a Director of MCD International Energy Solutions, present an excellent project joint case-study on this project.

To view the video [click here](#).

Early bird for Energy and Mines Toronto summit - delegate places and hotel accommodation - ends this week

The discounted delegate fee at the 3rd annual Energy and Mines Toronto Summit ends this week. The annual gathering of energy service providers and mines has had an unprecedented response from mining executives interested in using renewables to address their energy cost and security challenges. The Summit has already attracted 50+ participants from major mining companies and junior operations including 20 CEOs. Stressed commodity prices have deepened mines' focus on cutting energy costs and October's Summit is expected to see a record turnout of senior mining and renewables experts to discuss solutions and do business.

Full details of the event including 25 speakers from the mining sector including Anglo America, AngloGold Ashanti, Avalon Rare Metals, Barrick Gold, Glencore, Hudbay Minerals, IAMGOLD, Kinross Gold, Kirkland Lake Gold, Lake Shore Gold, MGX Minerals, Rio Tinto, Roxgold, Rubicon Metals, Stornoway Diamond, Teck, TMac Resource, U3O8 Corp, and Western Copper and Gold.

To register for the event [click here](#) (early bird ends Friday).

To download the brochure [click here](#).

Just three exhibit booths left - contact

mike.greenwood@energyandmines.com

To book discounted hotel accommodation – [click here](#) (discount ends Friday)

Recent Agenda Additions: Caterpillar, New Gold, Glencore

Recent additions to the Toronto Summit agenda include Rick Rathe, Managing Director, New Ventures, Caterpillar. Rathe will be presenting a keynote presentation on October 22 focusing on “Responding to Mining’s Power Challenges and Operational Realities.” Caterpillar has developed a microgrid solution to meet the changing power needs of mining clients that are actively diesel cost savings and abatement strategies for remote operations across the globe.

Other additions include Rathe’s colleague Akram Elhenawy, Global

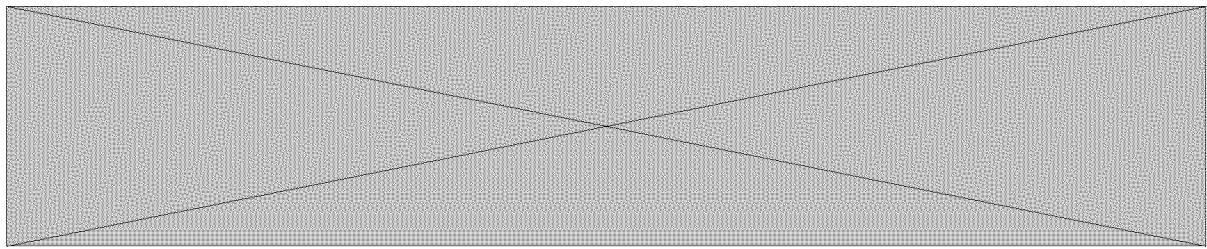
Accounts Manager, Caterpillar Microgrid – Electrical Power Division who will chair a strategic discussion with senior mining leaders from Anglo American, Hudbay Minerals, Kinross Gold and AngloGold Ashanti on “Energy Priorities, Timelines and New Technologies.

Dennis Wilson, Director Environmental & Social Responsibility, New Gold has also joined the agenda to discuss “Developing Mining’s Carbon Strategy”. New Gold voluntarily reports on its carbon emissions through its participation in the Carbon Disclosure Project and this session will bring together mining leaders from Teck and Glencore to also discuss how they are approaching carbon reduction for their operations.

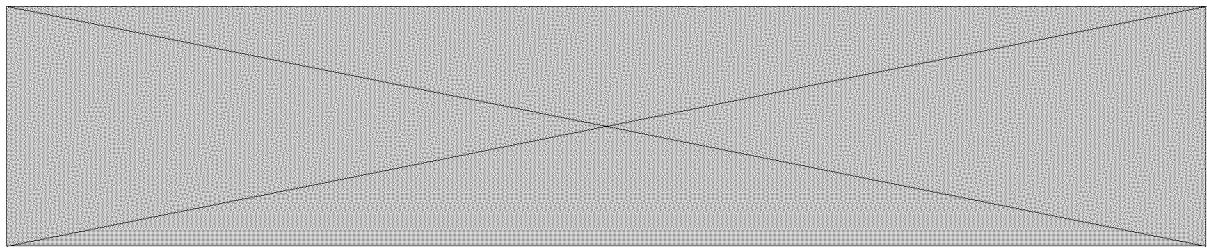
For full summit information [click here](#).

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